



PATENT 2123
[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Andrew J. Thurston
Assignee: Cisco Technology, Inc.
Title: AUTOMATIC GENERATION OF HARDWARE DESCRIPTION
LANGUAGE CODE FOR COMPLEX POLYNOMIAL FUNCTIONS
Serial No.: 09/822,713 Filed: March 30, 2001
Examiner: Dwin M. Craig Group Art Unit: 2123
Docket No.: CIS0061US

Austin, Texas
November 30, 2004

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action dated October 21, 2004, having a shortened statutory period expiring on January 21, 2005. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

No Amendments to the Drawings are presented in this paper.

Remarks begin on page 12 of this paper.